Cleaning of spiral type membrane module used for membrane separation apparatus, comprises supplying mixture of water and air from lower part of container, after permeating cleaning liquid throughout surface of module. ANSWER 74 OF 121 WPINDEX COPYRIGHT 2002 DERWENT INFORMATION LTD 2002-051463 [07] AN WPINDEX DNC C2002-014895 DC. D15 PA (KURK) KURITA WATER IND LTD CYC 1 JP 2001259384 A 20010925 (200207)\* PT 4p ADT JP 2001259384 A JP 2000-76632 20000317 PRAI JP 2000-76632 20000317 2002-051463 [07] WPINDEX AN JP2001259384 A UPAB: 20020130 NOVELTY - A spiral type membrane module (MM) (30) to be cleaned is perpendicularly set in upward container (20). A cleaning liquid (CL) is injected from lower part of the container. Subsequently, pressurized air is introduced from the lower part of the container, and CL is permeated throughout film surface of MM. DETAILED DESCRIPTION - A spiral type membrane module (MM) (30) to be cleaned is perpendicularly set in upward container (20). A cleaning liquid (CL) is injected from lower part of the container. Subsequently, pressurized air is introduced from lower part of container, and CL is permeated throughout film surface of MM. Then, mixture of water and air is introduced from lower part of container and made to eject from upper part of MM. The cleaning liquid is injected from lower part of container such that 1/4th of the module is immersed in cleaning liquid. USE - For cleaning spiral type membrane module used for membrane separation apparatus such as precise filtration apparatus, ultrafiltration equipments, or reverse osmosis membrane separation apparatus. ADVANTAGE - The spiral type membrane module is cleaned efficiently using few amounts of cleaning liquid, without placing the module in a pressurized vessel. Therefore, the membranous ability of the module is recovered effectively. DESCRIPTION OF DRAWING(S) - The figure shows the systematic diagram of washing apparatus used for cleaning spiral type membrane module. (Drawing includes non-English language text). Container 20 Module 30

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